

Date: Fri, 25 Mar 94 19:13:09 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #330
To: Info-Hams

Info-Hams Digest Fri, 25 Mar 94 Volume 94 : Issue 330

Today's Topics:

 \$1000 reward: Project YA-BOY-BUDDY
 HELP!! converting Glenayre commercial to ham
 IPS Daily Report - 25 March 94
 Latest callsigns assigned list?
 ORBS\$084.2L.AMSAT
 ORBS\$084.MICRO.AMSAT
 ORBS\$084.OSCAR.AMSAT
 ORBS\$084.WEATH.AMSAT
 QRP Quarterly?
 Yaesu 5200 Develops new "Feature"?!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 25 Mar 1994 23:09:48 GMT
From: ihnp4.ucsd.edu!agate!dog.ee.lbl.gov!newshub.nosc.mil!news!
news@network.ucsd.edu
Subject: \$1000 reward: Project YA-BOY-BUDDY
To: info-hams@ucsd.edu

This was posted at a local amateur radio store and I thought it might
be of interest to readers here as well.
Please do not ask me for more information - I have nothing else except
the paper which this notice was printed on. (white 5.5" by 8.5")
Please contact the address on the notice for all further information.

Roger Keating - KD6EFQ

=====

\$1000 REWARD
BOOTLEGGERS (Freebanders)

27.4350 MHz

For information leading to the arrest and prosecution of unlicensed radio stations operating on a regular basis on 27.4350 MHz LSB in the North San Diego County area causing interference to USMC Camp Pendleton Communications and other utility communications stations. Information regarding locations of these stations and/or vehicle license plate numbers of mobile stations can be forwarded to:

Project: "YA-BOY-BUDDY"

P O Box 505254

San Diego CA 92150

Date: Sat, 26 Mar 1994 00:28:03 GMT

From: swrinde!gatech!howland.reston.ans.net!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!csn.col.hp.com!srigenprp!news.dtc.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!news1.@@ihnp4.ucsd.edu

Subject: HELP!! converting Glenayre commercial to ham

To: info-hams@ucsd.edu

I picked up a GLENAYRE VHF rig at a recent auction for \$10.00. It is model number GL 4112A, operating on 152.xxx Mhz, and 158.XXX Mhz. The unit is clearly a radio telephone. Unfortunately, it is missing the handset. Unit was manufactured in 1987,

Can anyone point me towards/supply me with schematic, an owner's manual, or a handset? I'll pay reasonable costs.

Thanks much!!

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The statements/opinions expressed here are not necessarily those of the Hewlett-Packard Company. HP paid a research firm millions of dollars to get their own opinions, and has made it clear they do not wish to share mine.

Kevin C. Hess (KB7UKR)
hess@hpdmd48.boi.hp.com

Hewlett-Packard Network Printer Division
(208) 396-3384 Boise, Idaho 83704

Are we at last brought to such humiliating and debasing degradation, that we cannot be trusted with arms for our defense? ... If our defense be the _real_ object of having those arms, in whose hands can they be trusted with more propriety, or equal safety to us, as in our own hands? - Patrick Henry

It is criminal to teach a people not to defend themselves if they are the
constant victims of brutal assault. - Malcom X

Date: 25 Mar 94 23:12:02 GMT
From: agate!msuinfo!harbinger.cc.monash.edu.au!newshost.anu.edu.au!sserve!usage!
metro!ipso!rwc@uchvax.berkeley.edu
Subject: IPS Daily Report - 25 March 94
To: info-hams@ucsd.edu

No warning is current.

1A. SOLAR SUMMARY

Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 091/036

1B. SOLAR FORECAST

	26 March	27 March	28 March
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 095/041

1C. SOLAR COMMENT

None.

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet to unsettled, apart from a
period of minor storm levels 15-18UT.

Estimated Indices :	A	K	Observed A Index 24 March
Learmonth	16	3223 3532	
Fredericksburg	12		18
Planetary	15		16

Observed Kp for 24 March: 4325 4222

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
26 Mar	10	Quiet to unsettled.
27 Mar	10	Quiet to unsettled.

28 Mar 10 Quiet to unsettled.

2C. MAGNETIC COMMENT

Brief active periods remain possible during the local night over the next three days.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
25 Mar	normal	normal	normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
26 Mar	normal	normal	fair
27 Mar	normal	normal	fair
28 Mar	normal	normal	fair

3C. GLOBAL HF PROPAGATION COMMENT

Increased levels of geomagnetic activity at high lats during the period 09-18UT remain possible over the next three days. Propagation conditions at high lats may be degraded during these times as a result.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were near predicted monthly values.

Observed T index for 25 March: 44

Predicted Monthly T Index for March is 40.

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
26 Mar	50	Near predicted monthly values.
27 Mar	50	Near predicted monthly values.
28 Mar	50	Near predicted monthly values.

4C. AUSTRALIAN REGION COMMENT

Occasional sporadic E layer and night-time Spread F was observed yesterday. Similar conditions are expected over the next 24 hours.

--

IPS Regional Warning Centre, Sydney
email: rwc@ips.oz.au fax: +61 2 4148331
RWC Duty Forecaster tel: +61 2 4148329
Recorded Message tel: +61 2 4148330

|IPS Radio and Space Services
|PO Box 5606
|West Chatswood NSW 2057
|AUSTRALIA

Date: Fri, 25 Mar 1994 14:49:22 GMT
From: ihnp4.ucsd.edu!news.acns.nwu.edu!ftpbbox!mothost!lmpsbbs!
charless@network.ucsd.edu
Subject: Latest callsigns assigned list?
To: info-hams@ucsd.edu

In article <2msro0\$b8d@transfer.stratus.com> northup@hoop.sw.stratus.com (Bill Northup) writes:

>
>
>The last upgrade that I received (march 12) was 10 weeks.
>
>
> Bill Northup PHONE: (508) 460-2085

I took an exam on Nov. 20,1993 and I finally received my upgrade dated
Mar. 15,1994

which is 4 months!! Much too long in my opinion!

chuck sherwood
n9qzt

Date: 25 Mar 94 13:59:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$084.2L.AMSAT
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-084.N
2Line Orbital Elements 084.AMSAT

HR AMSAT ORBITAL ELEMENTS FOR AMATEUR SATELLITES IN NASA FORMAT
FROM WA5QGD FORT WORTH,TX March 25, 1994
BID: \$ORBS-084.N

DECODE 2-LINE ELSETS WITH THE FOLLOWING KEY:
1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCC 00000-0 00000-0 0 DDDZ
2 AAAAA EEE.EEEE FFF.FFFF GGGGGGG HHH.HHHH III.IIII JJ.JJJJJJJKKKKKZ
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

TO ALL RADIO AMATEURS BT

A0-10

1	14129U	83058B	94078.88849305	-.000000143	000000-0	10000-3	0	2710
2	14129	27.1881	336.3846	6021341	163.5017	230.9609	2.05878514	80949
UO-11								
1	14781U	84021B	94080.50956311	.000000321	000000-0	62308-4	0	6757
2	14781	97.7914	99.3260	0011137	186.0140	174.0935	14.69174575537432	
RS-10/11								
1	18129U	87054A	94079.84948217	.000000032	000000-0	18660-4	0	8839
2	18129	82.9229	34.1304	0010237	273.8387	86.1598	13.723333391337792	
AO-13								
1	19216U	88051B	94079.56167208	-.000000427	000000-0	10000-4	0	8960
2	19216	57.8735	262.2374	7209738	337.3974	2.4979	2.09727288	44154
FO-20								
1	20480U	90013C	94080.89109631	-.000000016	000000-0	34911-4	0	6701
2	20480	99.0243	249.2547	0540894	177.1640	183.2749	12.83224747192930	
AO-21								
1	21087U	91006A	94080.39087956	.000000093	000000-0	82657-4	0	4463
2	21087	82.9379	207.6619	0035401	331.2194	28.7007	13.74536127157528	
RS-12/13								
1	21089U	91007A	94079.90823919	.000000032	000000-0	18216-4	0	6733
2	21089	82.9180	76.9195	0029938	357.6064	2.4956	13.74037183156521	
ARSENE								
1	22654U	93031B	94064.500000000	-.000000119	000000-0	00000	0	2469
2	22654	1.6510	105.2680	2927552	173.8780	198.1380	1.42201225	2991
UO-14								
1	20437U	90005B	94081.17271111	.000000085	000000-0	50080-4	0	9757
2	20437	98.5928	167.1239	0011938	85.5805	274.6738	14.29832075217155	
AO-16								
1	20439U	90005D	94080.46187457	.000000059	000000-0	39719-4	0	7754
2	20439	98.5999	167.5628	0012341	89.1267	271.1308	14.29886627217069	
DO-17								
1	20440U	90005E	94080.42475274	.000000076	000000-0	46272-4	0	7749
2	20440	98.5973	167.8190	0012406	88.5722	271.6879	14.30025717217077	
WO-18								
1	20441U	90005F	94081.23816758	.000000086	000000-0	50302-4	0	7768
2	20441	98.6015	168.6325	0013015	86.3234	273.9433	14.30001255217191	
LO-19								
1	20442U	90005G	94080.24263321	.000000078	000000-0	46967-4	0	7742
2	20442	98.6015	167.8834	0013223	87.9281	272.3415	14.30095566217065	
UO-22								
1	21575U	91050B	94079.70081566	.000000111	000000-0	52198-4	0	4769
2	21575	98.4399	155.9592	0007223	188.8493	171.2552	14.36900838140375	
KO-23								
1	22077U	92052B	94080.53661719	-.000000037	000000-0	10000-3	0	3714
2	22077	66.0814	103.5014	0011679	308.7258	51.2714	12.86285587	75516
AO-27								
1	22825U	93061C	94081.11877430	.000000025	000000-0	28178-4	0	2722
2	22825	98.6600	157.7790	0009554	101.5696	258.6548	14.27613987	25268
IO-26								

1	22826U	93061D	94081.10608673	.000000042	000000-0	34690-4	0	2728
2	22826	98.6605	157.7921	0009917	100.6730	259.5579	14.27717009	25266
KO-25								
1	22830U	93061H	94080.22548462	.000000089	000000-0	53029-4	0	2755
2	22830	98.5601	155.1027	0012635	74.3234	285.9328	14.28041738	25144
NOAA-9								
1	15427U	84123A	94081.96146229	.000000121	000000-0	88127-4	0	7596
2	15427	99.0648	131.4010	0015937	101.6666	258.6297	14.13600524478169	
NOAA-10								
1	16969U	86073A	94082.90887763	.000000064	000000-0	45657-4	0	6589
2	16969	98.5123	94.5094	0012333	216.3165	143.7179	14.24874536390466	
MET-2/17								
1	18820U	88005A	94080.22884509	.000000094	000000-0	70460-4	0	2738
2	18820	82.5454	338.5623	0018465	67.8592	292.4524	13.84711844310182	
MET-3/2								
1	19336U	88064A	94081.32685617	.000000051	000000-0	10000-3	0	2700
2	19336	82.5427	25.1440	0017958	116.8969	243.3993	13.16965967271824	
NOAA-11								
1	19531U	88089A	94083.23885812	.000000062	000000-0	58133-4	0	5722
2	19531	99.1670	70.0925	0012545	15.7107	344.4450	14.12969487283226	
MET-2/18								
1	19851U	89018A	94080.40680956	.000000034	000000-0	17134-4	0	2720
2	19851	82.5191	213.8899	0015509	110.5826	249.6996	13.84358994255545	
MET-3/3								
1	20305U	89086A	94082.55451529	.000000044	000000-0	10000-3	0	61
2	20305	82.5548	329.1930	0006520	134.5372	225.6269	13.04425118211734	
MET-2/19								
1	20670U	90057A	94080.04388230	.000000024	000000-0	79036-5	0	7742
2	20670	82.5426	278.4813	0017557	35.8879	324.3453	13.84190186188420	
FY-1/2								
1	20788U	90081A	94082.50755940	-.000000152	000000-0	-72818-4	0	9249
2	20788	98.8351	105.3769	0013462	244.9487	115.0282	14.01311177181708	
MET-2/20								
1	20826U	90086A	94081.16757303	.000000046	000000-0	28563-4	0	7834
2	20826	82.5237	215.2023	0012267	296.1467	63.8429	13.83574940175723	
MET-3/4								
1	21232U	91030A	94080.99666993	.000000051	000000-0	10000-3	0	6819
2	21232	82.5384	231.2188	0014561	45.1711	315.0592	13.16460562139881	
NOAA-12								
1	21263U	91032A	94074.00396538	.000000180	000000-0	10013-3	0	9646
2	21263	98.6278	103.8182	0013418	145.8585	214.3456	14.22379795147143	
MET-3/5								
1	21655U	91056A	94080.22430161	.000000051	000000-0	10000-3	0	6885
2	21655	82.5573	178.8593	0014769	59.6601	300.6003	13.16828445124883	
MET-2/21								
1	22782U	93055A	94080.53840969	.000000026	000000-0	10250-4	0	2834
2	22782	82.5471	275.8954	0023357	108.2430	252.1263	13.83002864	27979
POSAT								

1 22829U 93061G 94081.13993678 .000000098 00000-0 57325-4 0 2659
 2 22829 98.6563 157.8404 0011057 89.9512 270.2938 14.28013136 25275
 MIR
 1 16609U 86017A 94083.32520032 .000009346 00000-0 12671-3 0 5375
 2 16609 51.6456 251.6581 0015343 67.8161 292.4504 15.58331750462819
 HUBBLE
 1 20580U 90037B 94080.23738730 .000000835 00000-0 68306-4 0 4592
 2 20580 28.4697 80.9010 0005913 249.5279 110.4672 14.90534070 16255
 GRO
 1 21225U 91027B 94079.53676843 .000004336 00000-0 97694-4 0 752
 2 21225 28.4636 127.3366 0003390 287.6252 72.3973 15.40420925 43255
 UARS
 1 21701U 91063B 94082.87298435 -.000003323 00000-0 -26935-3 0 4962
 2 21701 56.9828 140.9350 0004265 92.4899 267.6620 14.96488088138165
 /EX

Date: 25 Mar 94 13:51:00 GMT
 From: news-mail-gateway@ucsd.edu
 Subject: ORBS\$084.MICRO.AMSAT
 To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-084.D
 Orbital Elements 084.MICROS

HR AMSAT ORBITAL ELEMENTS FOR THE MICROSATS
 FROM WA5QGD FORT WORTH, TX March 25, 1994
 BID: \$ORBS-084.D
 TO ALL RADIO AMATEURS BT

Satellite: UO-14
 Catalog number: 20437
 Epoch time: 94081.17271111
 Element set: 975
 Inclination: 98.5928 deg
 RA of node: 167.1239 deg
 Eccentricity: 0.0011938
 Arg of perigee: 85.5805 deg
 Mean anomaly: 274.6738 deg
 Mean motion: 14.29832075 rev/day
 Decay rate: 8.5e-07 rev/day^2
 Epoch rev: 21715
 Checksum: 326

Satellite: A0-16
 Catalog number: 20439
 Epoch time: 94080.46187457

Element set: 775
Inclination: 98.5999 deg
RA of node: 167.5628 deg
Eccentricity: 0.0012341
Arg of perigee: 89.1267 deg
Mean anomaly: 271.1308 deg
Mean motion: 14.29886627 rev/day
Decay rate: 5.9e-07 rev/day^2
Epoch rev: 21706
Checksum: 351

Satellite: D0-17

Catalog number: 20440
Epoch time: 94080.42475274
Element set: 774
Inclination: 98.5973 deg
RA of node: 167.8190 deg
Eccentricity: 0.0012406
Arg of perigee: 88.5722 deg
Mean anomaly: 271.6879 deg
Mean motion: 14.30025717 rev/day
Decay rate: 7.6e-07 rev/day^2
Epoch rev: 21707
Checksum: 321

Satellite: W0-18

Catalog number: 20441
Epoch time: 94081.23816758
Element set: 776
Inclination: 98.6015 deg
RA of node: 168.6325 deg
Eccentricity: 0.0013015
Arg of perigee: 86.3234 deg
Mean anomaly: 273.9433 deg
Mean motion: 14.30001255 rev/day
Decay rate: 8.6e-07 rev/day^2
Epoch rev: 21719
Checksum: 295

Satellite: L0-19

Catalog number: 20442
Epoch time: 94080.24263321
Element set: 774
Inclination: 98.6015 deg
RA of node: 167.8834 deg
Eccentricity: 0.0013223
Arg of perigee: 87.9281 deg
Mean anomaly: 272.3415 deg

Mean motion: 14.30095566 rev/day
Decay rate: 7.8e-07 rev/day^2
Epoch rev: 21706
Checksum: 301

Satellite: UO-22

Catalog number: 21575
Epoch time: 94079.70081566
Element set: 476
Inclination: 98.4399 deg
RA of node: 155.9592 deg
Eccentricity: 0.0007223
Arg of perigee: 188.8493 deg
Mean anomaly: 171.2552 deg
Mean motion: 14.36900838 rev/day
Decay rate: 1.11e-06 rev/day^2
Epoch rev: 14037
Checksum: 329

Satellite: K0-23

Catalog number: 22077
Epoch time: 94080.53661719
Element set: 371
Inclination: 66.0814 deg
RA of node: 103.5014 deg
Eccentricity: 0.0011679
Arg of perigee: 308.7258 deg
Mean anomaly: 51.2714 deg
Mean motion: 12.86285587 rev/day
Decay rate: -3.7e-07 rev/day^2
Epoch rev: 7551
Checksum: 301

Satellite: A0-27

Catalog number: 22825
Epoch time: 94081.11877430
Element set: 272
Inclination: 98.6600 deg
RA of node: 157.7790 deg
Eccentricity: 0.0009554
Arg of perigee: 101.5696 deg
Mean anomaly: 258.6548 deg
Mean motion: 14.27613987 rev/day
Decay rate: 2.5e-07 rev/day^2
Epoch rev: 2526
Checksum: 327

Satellite: IO-26

Catalog number: 22826
Epoch time: 94081.10608673
Element set: 272
Inclination: 98.6605 deg
RA of node: 157.7921 deg
Eccentricity: 0.0009917
Arg of perigee: 100.6730 deg
Mean anomaly: 259.5579 deg
Mean motion: 14.27717009 rev/day
Decay rate: 4.2e-07 rev/day^2
Epoch rev: 2526
Checksum: 313

Satellite: K0-25
Catalog number: 22830
Epoch time: 94080.22548462
Element set: 275
Inclination: 98.5601 deg
RA of node: 155.1027 deg
Eccentricity: 0.0012635
Arg of perigee: 74.3234 deg
Mean anomaly: 285.9328 deg
Mean motion: 14.28041738 rev/day
Decay rate: 8.9e-07 rev/day^2
Epoch rev: 2514
Checksum: 295

/EX

Date: 25 Mar 94 13:48:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$084.OSCAR.AMSAT
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-084.0
Orbital Elements 084.OSCAR

HR AMSAT ORBITAL ELEMENTS FOR OSCAR SATELLITES
FROM WA5QGD FORT WORTH, TX March 25, 1994
BID: \$ORBS-084.0
TO ALL RADIO AMATEURS BT

Satellite: A0-10
Catalog number: 14129
Epoch time: 94078.88849305
Element set: 271

Inclination: 27.1881 deg
RA of node: 336.3846 deg
Eccentricity: 0.6021341
Arg of perigee: 163.5017 deg
Mean anomaly: 230.9609 deg
Mean motion: 2.05878514 rev/day
Decay rate: -1.43e-06 rev/day^2
Epoch rev: 8094
Checksum: 310

Satellite: UO-11

Catalog number: 14781
Epoch time: 94080.50956311
Element set: 675
Inclination: 97.7914 deg
RA of node: 99.3260 deg
Eccentricity: 0.0011137
Arg of perigee: 186.0140 deg
Mean anomaly: 174.0935 deg
Mean motion: 14.69174575 rev/day
Decay rate: 3.21e-06 rev/day^2
Epoch rev: 53743
Checksum: 307

Satellite: RS-10/11

Catalog number: 18129
Epoch time: 94079.84948217
Element set: 883
Inclination: 82.9229 deg
RA of node: 34.1304 deg
Eccentricity: 0.0010237
Arg of perigee: 273.8387 deg
Mean anomaly: 86.1598 deg
Mean motion: 13.72333391 rev/day
Decay rate: 3.2e-07 rev/day^2
Epoch rev: 33779
Checksum: 330

Satellite: A0-13

Catalog number: 19216
Epoch time: 94079.56167208
Element set: 896
Inclination: 57.8735 deg
RA of node: 262.2374 deg
Eccentricity: 0.7209738
Arg of perigee: 337.3974 deg
Mean anomaly: 2.4979 deg
Mean motion: 2.09727288 rev/day

Decay rate: -4.27e-06 rev/day²
Epoch rev: 4415
Checksum: 357

Satellite: F0-20

Catalog number: 20480
Epoch time: 94080.89109631
Element set: 670
Inclination: 99.0243 deg
RA of node: 249.2547 deg
Eccentricity: 0.0540894
Arg of perigee: 177.1640 deg
Mean anomaly: 183.2749 deg
Mean motion: 12.83224747 rev/day
Decay rate: -1.6e-07 rev/day²
Epoch rev: 19293
Checksum: 320

Satellite: A0-21

Catalog number: 21087
Epoch time: 94080.39087956
Element set: 446
Inclination: 82.9379 deg
RA of node: 207.6619 deg
Eccentricity: 0.0035401
Arg of perigee: 331.2194 deg
Mean anomaly: 28.7007 deg
Mean motion: 13.74536127 rev/day
Decay rate: 9.3e-07 rev/day²
Epoch rev: 15752
Checksum: 314

Satellite: RS-12/13

Catalog number: 21089
Epoch time: 94079.90823919
Element set: 673
Inclination: 82.9180 deg
RA of node: 76.9195 deg
Eccentricity: 0.0029938
Arg of perigee: 357.6064 deg
Mean anomaly: 2.4956 deg
Mean motion: 13.74037183 rev/day
Decay rate: 3.2e-07 rev/day²
Epoch rev: 15652
Checksum: 338

Satellite: ARSENE

Catalog number: 22654

Epoch time: 94064.50000000
Element set: 246
Inclination: 1.6510 deg
RA of node: 105.2680 deg
Eccentricity: 0.2927552
Arg of perigee: 173.8780 deg
Mean anomaly: 198.1380 deg
Mean motion: 1.42201225 rev/day
Decay rate: -1.19e-06 rev/day^2
Epoch rev: 299
Checksum: 250

/EX

Date: 25 Mar 94 13:54:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$084.WEATH.AMSAT
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-084.W
Orbital Elements 084.WEATHER

HR AMSAT ORBITAL ELEMENTS FOR WEATHER SATELLITES
FROM WA5QGD FORT WORTH, TX March 25, 1994
BID: \$ORBS-084.W
TO ALL RADIO AMATEURS BT

Satellite: NOAA-9
Catalog number: 15427
Epoch time: 94081.96146229
Element set: 759
Inclination: 99.0648 deg
RA of node: 131.4010 deg
Eccentricity: 0.0015937
Arg of perigee: 101.6666 deg
Mean anomaly: 258.6297 deg
Mean motion: 14.13600524 rev/day
Decay rate: 1.21e-06 rev/day^2
Epoch rev: 47816
Checksum: 312

Satellite: NOAA-10
Catalog number: 16969
Epoch time: 94082.90887763
Element set: 658
Inclination: 98.5123 deg

RA of node: 94.5094 deg
Eccentricity: 0.0012333
Arg of perigee: 216.3165 deg
Mean anomaly: 143.7179 deg
Mean motion: 14.24874536 rev/day
Decay rate: 6.4e-07 rev/day^2
Epoch rev: 39046
Checksum: 336

Satellite: MET-2/17
Catalog number: 18820
Epoch time: 94080.22884509
Element set: 273
Inclination: 82.5454 deg
RA of node: 338.5623 deg
Eccentricity: 0.0018465
Arg of perigee: 67.8592 deg
Mean anomaly: 292.4524 deg
Mean motion: 13.84711844 rev/day
Decay rate: 9.4e-07 rev/day^2
Epoch rev: 31018
Checksum: 325

Satellite: MET-3/2
Catalog number: 19336
Epoch time: 94081.32685617
Element set: 270
Inclination: 82.5427 deg
RA of node: 25.1440 deg
Eccentricity: 0.0017958
Arg of perigee: 116.8969 deg
Mean anomaly: 243.3993 deg
Mean motion: 13.16965967 rev/day
Decay rate: 5.1e-07 rev/day^2
Epoch rev: 27182
Checksum: 333

Satellite: NOAA-11
Catalog number: 19531
Epoch time: 94083.23885812
Element set: 572
Inclination: 99.1670 deg
RA of node: 70.0925 deg
Eccentricity: 0.0012545
Arg of perigee: 15.7107 deg
Mean anomaly: 344.4450 deg
Mean motion: 14.12969487 rev/day
Decay rate: 6.2e-07 rev/day^2

Epoch rev: 28322
Checksum: 300

Satellite: MET-2/18
Catalog number: 19851
Epoch time: 94080.40680956
Element set: 272
Inclination: 82.5191 deg
RA of node: 213.8899 deg
Eccentricity: 0.0015509
Arg of perigee: 110.5826 deg
Mean anomaly: 249.6996 deg
Mean motion: 13.84358994 rev/day
Decay rate: $3.4\text{e-}07$ rev/day²
Epoch rev: 25554
Checksum: 352

Satellite: MET-3/3
Catalog number: 20305
Epoch time: 94082.55451529
Element set: 6
Inclination: 82.5548 deg
RA of node: 329.1930 deg
Eccentricity: 0.0006520
Arg of perigee: 134.5372 deg
Mean anomaly: 225.6269 deg
Mean motion: 13.04425118 rev/day
Decay rate: $4.4\text{e-}07$ rev/day²
Epoch rev: 21173
Checksum: 272

Satellite: MET-2/19
Catalog number: 20670
Epoch time: 94080.04388230
Element set: 774
Inclination: 82.5426 deg
RA of node: 278.4813 deg
Eccentricity: 0.0017557
Arg of perigee: 35.8879 deg
Mean anomaly: 324.3453 deg
Mean motion: 13.84190186 rev/day
Decay rate: $2.4\text{e-}07$ rev/day²
Epoch rev: 18842
Checksum: 324

Satellite: FY-1/2
Catalog number: 20788
Epoch time: 94082.50755940

Element set: 924
Inclination: 98.8351 deg
RA of node: 105.3769 deg
Eccentricity: 0.0013462
Arg of perigee: 244.9487 deg
Mean anomaly: 115.0282 deg
Mean motion: 14.01311177 rev/day
Decay rate: -1.52e-06 rev/day^2
Epoch rev: 18170
Checksum: 301

Satellite: MET-2/20
Catalog number: 20826
Epoch time: 94081.16757303
Element set: 783
Inclination: 82.5237 deg
RA of node: 215.2023 deg
Eccentricity: 0.0012267
Arg of perigee: 296.1467 deg
Mean anomaly: 63.8429 deg
Mean motion: 13.83574940 rev/day
Decay rate: 4.6e-07 rev/day^2
Epoch rev: 17572
Checksum: 308

Satellite: MET-3/4
Catalog number: 21232
Epoch time: 94080.99666993
Element set: 681
Inclination: 82.5384 deg
RA of node: 231.2188 deg
Eccentricity: 0.0014561
Arg of perigee: 45.1711 deg
Mean anomaly: 315.0592 deg
Mean motion: 13.16460562 rev/day
Decay rate: 5.1e-07 rev/day^2
Epoch rev: 13988
Checksum: 306

Satellite: NOAA-12
Catalog number: 21263
Epoch time: 94074.00396538
Element set: 964
Inclination: 98.6278 deg
RA of node: 103.8182 deg
Eccentricity: 0.0013418
Arg of perigee: 145.8585 deg
Mean anomaly: 214.3456 deg

Mean motion: 14.22379795 rev/day
Decay rate: 1.80e-06 rev/day^2
Epoch rev: 14714
Checksum: 320

Satellite: MET-3/5
Catalog number: 21655
Epoch time: 94080.22430161
Element set: 688
Inclination: 82.5573 deg
RA of node: 178.8593 deg
Eccentricity: 0.0014769
Arg of perigee: 59.6601 deg
Mean anomaly: 300.6003 deg
Mean motion: 13.16828445 rev/day
Decay rate: 5.1e-07 rev/day^2
Epoch rev: 12488
Checksum: 308

Satellite: MET-2/21
Catalog number: 22782
Epoch time: 94080.53840969
Element set: 283
Inclination: 82.5471 deg
RA of node: 275.8954 deg
Eccentricity: 0.0023357
Arg of perigee: 108.2430 deg
Mean anomaly: 252.1263 deg
Mean motion: 13.83002864 rev/day
Decay rate: 2.6e-07 rev/day^2
Epoch rev: 2797
Checksum: 309

/EX

Date: 25 Mar 1994 16:13:16 -0800
From: ihnp4.ucsd.edu!myb.saic.com!news.cerf.net!usc!nic-nac.CSU.net!csulb.edu!
paris.ics.uci.edu!not-for-mail@network.ucsd.edu
Subject: QRP Quarterly?
To: info-hams@ucsd.edu

In <1994Mar25.191320.22527@MITL.Research.Panasonic.COM>
wiseman@atvl6.panasonic.com (John Wiseman) writes:

>I saw a publication entitled "QRP Quarterly" referenced in 73 last month.

>Does anybody know who publishes this, and where I could get a copy to
>check out?

Hi John:

Here is the info:

QRP Quarterly published by the QRP Amateur Radio Club International.

Membehip application to Mike Kilgore, KG5F
2046 Ash Hill Road
Carrollton, TX 75007.

\$12 for new member. Includes subscription to QRP Quarterly.

.....

Clark Savage Turner, Graduate Student Researcher
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA. 92717 Irvine, CA. 92715
(714) 856 4049 (714) 856 2131

WA3JPG, QRP #3526, active on HF, VHF and UHF.
Admitted to practice law in California, Massachusetts, and New York.

Date: Fri, 25 Mar 1994 23:25:09 GMT
From: world!dts@uunet.uu.net
Subject: Yaesu 5200 Develops new "Feature"?!
To: info-hams@ucsd.edu

In article <1994Mar25.124326.1@skyler.mavd.honeywell.com>
estey@skyler.mavd.honeywell.com writes:
>My 2-year old Yaesu FT-5200 has recently displayed a new, and unique, feature.
>It turns itself OFF! (Stop the snickering! It happens both in Receive and
>transmit mode!)

>

>I have vibrated the FT-5200, wiggled the control cable of the seperation kit,
>with no direct correllation to the failure. Depressing the ON/OFF switch will
>sometimes not restore normal operation - sometimes the display becomes real
>dim when I try to turn the power back on - and repeated attempts don't always
>work. Failures have happened when the unit is ice-cold - and when the unit is
>warm so thermal problems seem unlikely. I fear sending the unit in as I
>am not absolutely sure the problem isn't with the cable running between the
>main unit under the seat and the control head on the dash.

>

>Has anyone experienced this new Yaesu feature???

>
>Carl
>

>Carl Estey | Home Mail Address: 276 Walnut Lane
>Amateur Callsign: WA0CQG | Apple Valley, MN 55124
> | Business Address: Honeywell Inc.
>Phone: Work (612) 954-7630 | Flight Systems & Test Operations M/S MN15-2370
> FAX (612) 954-7495 | 1625 Zarthan Ave. S., St. Louis Park, MN 55416
> Home (612) 432-0699 | Packet: WA0CQG @ WA0CQG.#MSP.MN.USA.NA
>The nonsense here is of my own making - no one else would want credit!

We had this problem with N1JIT's FT5200. It was cured by taking the front panel out of the remote cradle and pressing the reset button on the back, then bringing it back up. The CPU is massively confused, and needs a reality check. this has only happened once in the 2 years we've owned two of these radios. I think something odd had just happened with the car or its electrical system or something (can't recall, it was quite a while ago).

Never fear, no permanent damage has been done...

Dan N1JEB

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508-779-0439 Compuserve: 74176,1347

End of Info-Hams Digest V94 #330

